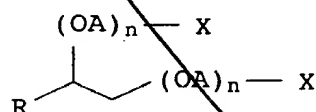


We claim:-

- 36B/ 1. A modified cationic polymer which is obtainable by reacting
- 5
- (a) water-soluble, polymeric compounds containing NH groups and selected from the group consisting of the polyalkylenepolyamines, polyamidoamines, polyamidoamines grafted with ethyleneimine and polymers containing vinylamine units with
- 10
- (b) compounds which are at least bifunctional with respect to NH groups and contain at least one alkyl or alkylene radical of at least 8 carbon atoms and, as functional group, a halohydrin, epoxy, carboxyl, chloroformate or isocyanate group or a halogen atom.
- 15

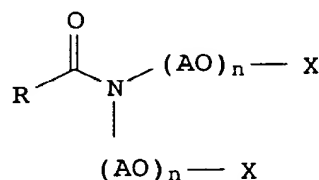
2. A modified cationic polymer as claimed in claim 1, wherein the compounds (a) containing NH groups have molar masses of at least 1,000 g/mol.
- 20

- 36A/ 3. A modified cationic polymer as claimed in either of claims 1 and 2, wherein
- 25
- (a) polyethyleneimines, polyamidoamines, polyamidoamines grafted with ethyleneimine, polymers containing vinylamine units or mixtures thereof are reacted with
- (b) at least one compound of the formula
- 30



(IV)

or



(V)

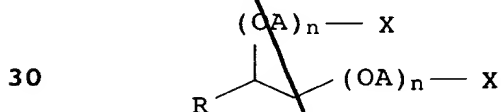
- 40 where R is C₈- to C₃₀-alkyl or alkenyl, A is C₂- to C₄-alkylene, n is 0 - 50 and X is a halohydrin, epoxy, carboxyl, chloroformate or isocyanate group or a halogen atom.

- 45 4. A process for the preparation of a modified cationic polymer as claimed in any of claims 1 to 3, wherein

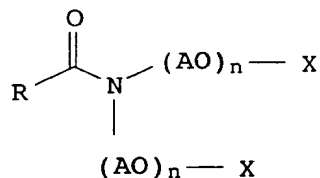
- 5 (a) water-soluble, polymeric compounds containing NH groups and selected from the group consisting of the polyalkylenepolyamines, polyamidoamines, polyamidoamines grafted with ethyleneimine and polymers containing vinylamine units are reacted with
- 10 (b) compounds which are at least bifunctional with respect to NH groups and have at least one alkyl or alkenyl radical of at least 8 carbon atoms and, as a functional group, a halohydrin, epoxy, carboxyl, chloroformate or isocyanate group or a halogen atom.
- 15 5. A process as claimed in claim 4, wherein the reaction of the compounds (a) and (b) is carried out in aqueous solution at from 20 to 100°C with the formation of aqueous solutions or dispersions.

- 3bA2 20 6. A process as claimed in claim 4 or 5, wherein
- 25 (a) compounds containing NH groups and selected from the group consisting of the polyalkylenepolyamines, polyamidoamines, polyamidoamines grafted with ethyleneimine and polymers containing vinylamine units are reacted with

- (b) at least one compound of the formula



or



35 (IV)

(V)

40 where R is C₈- to C₃₀-alkyl or alkenyl, A is C₂- to C₄-alkylene, n is 0 - 50 and X is a halohydrin, epoxy, carboxyl, chloroformate or isocyanate group or a halogen atom.

- 45 ~~7. The use of a cationically modified polymer as claimed in any of claims 1 to 3 in papermaking as a fixing agent for paper stocks containing interfering substances.~~

add
B4